

26. SPERMESTES POENSIS (Fraser); Sharpe, Cat. B. Brit. Mus. xiii. p. 262; Shelley, B. Africa, i. p. 28.

♂ ♀. Efulen, May 24 to June 1, 1901. "Ejile."

It is extremely difficult to distinguish *Spermestes stigmatorphorus* from *S. poensis*, as the amount of white spots or bars on the upper tail-coverts is subject to great variation. Some specimens have no bars or spots at all, others a few, while in others these white marks are plentiful. This variation is observable in typical specimens from Fernando Po: the Museum has three of the original types.

27. HETERHYPHANTES NIGRICOLLIS (Vieill.); Sharpe, Cat. B. Brit. Mus. xiii. p. 415; Shelley, t. c. p. 37.

Symplectes nigricollis Reichen. t. c. p. 30.

♂. Efulen, May 29, 1901.

28. HYPHANTORNIS CUCULLATUS (P. L. S. Müll.); Sharpe, Cat. B. Brit. Mus. vii. p. 451; Shelley, t. c. p. 40.

♂. Efulen, May 27, 1901. "Nyas."

♂. „ June 8, 1901.

♀. „ June 13, 1901.

One of the male birds has the chestnut of the hind-neck mixed with bright yellow, and shews an approach to *H. bohndorffi*.

29. SPERMOSPIZA GUTTATA (Vieill.); Sharpe, t. c. p. 500; Reichen. t. c. p. 33; Shelley, t. c. p. 32.

♂ ♂. Efulen, June 15-17, 1901. "Edumvin."

VII.—*On the Collections of Birds made by Sir Harry Johnston, K.C.B., in Equatorial Africa.* By R. BOWDLER SHARPE, LL.D., F.Z.S., &c., Assistant Keeper, Department of Zoology, British Museum.

(Plate V.)

THE following is a list of the specimens collected by Sir Harry Johnston during his travels as H.B.M. Commissioner in Uganda and the neighbouring territories. Sir Harry entered the Uganda Protectorate and commenced collecting immediately, his assistant being Mr. Walter G. Doggett. Birds

were collected wherever they travelled about the Uganda Protectorate, in the Mau, Baringo, Suk, Nandi, Elgon, Busoga, Uganda, Unyoro, Toro, and Ankole districts, as well as to a small extent on the northern islands of the Victoria Nyanza. Collections were also specially made on the flanks of Mt. Ruwenzori, and in the Semliki Valley and the forests on the border of the Congo Free State. All the skinning and preserving was done by Mr. W. G. Doggett, of whose services Sir Harry Johnston speaks very appreciatively, and the skins of the birds are certainly in excellent condition. Mr. Doggett was at first in Sir Harry's personal employment, but recently he has been appointed to the service of the Uganda Protectorate, and in that service he is shortly about to return to Uganda.

Especial reference has been made to the following works :—

HARTERT, E.—Appendix to Ansorge's 'Under the African Sun,' 1899, pp. 325–355.

NEUMANN, O.—“Beiträge zur Vogelfauna von Ost- und Central-Afrika,” J. f. O. 1898, pp. 227–305 ; 1899, pp. 33–74 ; 1900, pp. 185–313.

HARTERT, E.—“Another small Contribution to African Ornithology,” Nov. Zool. vii. pp. 25–53 (1900).

REICHENOW, A.—“Die Vögel Afrikas,” Band I. Parts 1, 2 (1900–1901).

All the specimens collected by Sir Harry Johnston have been generously presented by him to the British Museum, where we have much appreciated the donation of so many large birds, which are not often sent home by travellers on the march.

1. FRANCOLINUS GRANTI.

Francolinus granti Hartl. ; Neum. J. f. O. 1898, p. 303 ; Sharpe, Hand-l. B. i. p. 23 (1899) ; Hartert, App. Afr. Sun, p. 330 (1899) ; Reichen. Vög. Afrikas, i. p. 496 (1901).

No. 642. ♂ ad. Lake Baringo, March 1901.

2. FRANCOLINUS SCHUETTI.

Francolinus schuetti, Cab. ; Neum. J. f. O. 1898, p. 304

(Bukoba); Sharpe, Hand-l. B. i. p. 25 (1899); Reichen. Vög. Afrikas, i. p. 468 (1901).

a. ♂ ad. Kikuyu Forest, 6400 feet, July 16, 1900. Iris bluish grey.

3. *PTERNISTES INFUSCATUS*.

Pternistes infuscatus Cab.; Neum. J. f. O. 1898, p. 302; Sharpe, Hand-l. B. i. p. 26 (1899); Hartert, App. Afr. Sun, p. 331.

Pternistes leucoscepus infuscatus Reichen. Vög. Afrikas, i. p. 455 (1901).

a. ♀ ad. Lake Baringo, 4000 feet, Dec. 6, 1899. Iris light hazel; naked skin orange, shading into pale yellow on the neck.

4. *NUMIDA REICHENOWI*.

Numida reichenowi Ogilvie-Grant; Neum. J. f. O. 1898, p. 298; Sharpe, Hand-l. B. i. p. 41 (1899); Hartert, App. Afr. Sun, p. 331; id. Nov. Zool. vii. p. 30 (1900); Reichen. Vög. Afrikas, p. 437 (1901).

No. 6. ♂ ad. Lake Naivasha, 6300 feet, Oct. 15. Iris light hazel.

5. *VINAGO NUDIROSTRIS*.

Vinago nudirostris Swains.; Sharpe, Hand-l. B. i. p. 52 (1899).

Vinago calva nudirostris Neum. J. f. O. 1898, p. 294; Hartert, App. Afr. Sun, p. 329; id. Nov. Zool. vii. p. 30; Reichen. Vög. Afrikas, p. 396 (1901).

No. 286. ♂ ad. Mt. Ruwenzori, 6000 feet, Sept. 1900. Iris cobalt-blue.

This specimen, according to Dr. Reichenow's "Key," should be *V. nudirostris*, as it is decidedly more yellow than green on the head, neck, and under parts; but instead of having the grey neck-band distinct, it is only faintly indicated. I think that Prof. Reichenow must have made a slip in the description of the characters which he gives for these two birds, as in the British Museum series, a broad grey neck-band is accompanied by a greener tint on the head and under surface

of the body. The yellower birds, which apparently always have a more extended bare forehead, should bear the name of *V. nudirostris*; but there seems to me to be yet a third race of these Green Pigeons from Gaboon and other parts of tropical West Africa. This is a very dingy olive-green tinted bird with scarcely any indication of grey neck-collar. It is in every respect such a dark green bird that it is not possible to confound it with *V. calva* and *V. nudirostris*. I think that this race must bear the name of *V. pytiriopsis* of Bonaparte (C. R. xxxix. p. 837, 1854). Dr. Reichenow quotes a similar name as given by Jules Verreaux in 1851 (Rev. et Mag. de Zool. p. 421), but I fail to find this name as published by Verreaux. Specimens of *Vinago pytiriopsis* (Bp.) are in the British Museum from Gaboon (*Maison Verreaux*, sent as *V. nudirostris*) (*DuChaillu*); Prince's Island (*F. Newton*).

Of the specimens included in the 'Catalogue' by Count Salvadori under the heading of *Vinago calva* (xxi. pp. 22, 23), the following should, I think, be referred to *V. nudirostris*, the rest remaining as *V. calva*:—*b.* W. Africa (*Verreaux*); *v.* R. Niger (*Dr. Baikie*); *x.* Shonga (*W. A. Forbes*); *m', n'.* Semmio and Sassa, Niam-Niam (*F. Bohndorff*); *i'.* Angola (*Monteiro*); *o'-r'.* Kilimanjaro (*Sir H. H. Johnston*). In addition, we have examples from Kikuyu (*R. Crawshay*); Machako's (*Dr. Hinde*), and Marungu (*Major Kenrick*).

6. COLUMBA GUINEA.

Columba guinea (L.); Salvad. Cat. B. Brit. Mus. xxi. p. 226 (1893); Neum. J. f. O. 1898, p. 291; Sharpe, Hand-l. i. p. 69 (1899); Reichen. Vög. Afrikas, p. 401 (1901).

♂ ad. Mt. Elgon.

7. TURTUR LUGENS.

Turtur lugens (Rüpp.); Sharpe, Hand-l. B. i. p. 78 (1899); Reichen. Vög. Afrikas, p. 408 (1901).

No. 638. ♂. Lake Baringo, March 20, 1901.

8. SAROTHRURA PULCHRA.

Corethrura pulchra Neum. J. f. O. 1898, p. 273.

Sarothrura pulchra (J. E. Gray) ; Sharpe, Hand-l. B. i. p. 103 (1899) ; Reichen. Vög. Afrikas, i. p. 286 (1900).

No. 295. ♂ ad. N'tebi, Oct. 1900. Iris hazel.

9. PORPHYRIO PORPHYRIO.

Porphyrio porphyrio (L.) ; Sharpe, Hand-l. i. p. 108 (1899) ; Reichen. Vög. Afrikas, p. 290 (1900).

No. 59. ♂ ad. N'tebi, March 30, 1900. Iris red.

No. 87. ♂ ad. N'tebi, April 2, 1900.

10. FULICA CRISTATA.

Fulica cristata Gm. ; Neum. J. f. O. 1898, p. 274 ; Sharpe, Hand-l. B. i. p. 110 (1899) ; Reichen. Vög. Afrikas, p. 296 (1900) ; Hartert, Nov. Zool. vii. p. 27.

Nov. 293. ♀ ad. Lake Saka, near Fort Portal, Toro, 5000 feet, June 26, 1900. Iris red.

11. PODICIPES CAPENSIS.

Podiceps capensis (Salvad.) ; Sharpe, Hand-l. B. i. p. 113 (1899).

Podiceps capensis Neum. J. f. O. 1898, p. 246.

Colymbus capensis, Reichen. Vög. Afrikas, i. p. 18 (1900).

No. 273. ♀ ad. Lake Saka, 5000 feet, July 1900.

No. 274. ♀ ad. W. Toro, Crater Lake, 4000 feet, August 1900. Iris carmine.

Nos. 275, 276. Nestlings.

12. HEMIPARRA CRASSIROSTRIS.

Deflippia crassirostris (De Filippi) ; Neum. J. f. O. 1898, p. 263 ; Sharpe, Hand-l. B. i. p. 148 (1899).

Hemiparra crassirostris, Reichen. Vög. Afrikas, i. p. 184 (1900).

No. 53. Ad. N'tebi, March 28, 1900. Iris red.

No. 76. ♀ ad. N'tebi, April 2, 1900.

One of these specimens has two of the secondaries marked with white externally and also on the inner web, but only on one wing, so that this peculiarity may be due to albinism. Dr. Reichenow, however, mentions individuals from German East Africa which he believes to be hybrids between *H. crassirostris* and *H. leucoptera*.

13. *STEPHANIBYX MELANOPTERUS*.

Stephanibyx melanopterus (Cretzschm.) ; Sharpe, Hand-l. B. i. p. 152 (1899) ; Reichen. Vög. Afrikas, i. p. 179 (1900).
Chettusia melanoptera Hartert, Nov. Zool. vii. p. 27.
 Nos. 639, 640. ♂ ♀ ad. Lake Baringo, March 1901.

14. *ÆGIALITIS PECUARIA*.

Ægialitis pecuaria (Temm.) ; Neum. J. f. O. 1898, p. 260 ; Sharpe, Hand-l. B. i. p. 155 (1899).

Charadrius varius Vieill. ; Reichen. Vög. Afrikas, i. p. 171 (1900).

No. 252. ♂ ad. Toro, Lake Kikurango, 2200 feet, July 1900. Iris light hazel.

15. *HIMANTOPUS HIMANTOPUS*.

Himantopus himantopus (Linn.) ; Neum. J. f. O. 1898, p. 266 ; Sharpe, Hand-l. B. i. p. 156 (1899) ; Reichen. Vög. Afrikas, i. p. 207 (1900).

No. 253. ♂ ad. Lake Albert Edward, 5000 feet, July 1900.

16. *TRINGOIDES HYPOLEUCUS*.

Tringoides hypoleucus (Linn.) ; Neum. J. f. O. 1898, p. 268 ; Sharpe, Hand-l. B. i. p. 161 (1899) ; Hartert, App. Afr. Sun, p. 327 ; Reichen. Vög. Afrikas, i. p. 224 (1900).

a. ♂ ad. Lake Baringo, 4000 feet, Dec. 9, 1899.

17. *ANCYLOCHILUS SUBARQUATUS*.

Ancylochilus subarquatus (Güld.) ; Neum. J. f. O. 1898, p. 266 ; Sharpe, Hand-l. B. i. p. 164 (1899).

Tringa subarquata Hartert, App. Afr. Sun, p. 327 ; Reichen. Vög. Afrikas, i. p. 230 (1900).

Nos. 254, 255. ♂ ♀ ad. Katwe, Albert Edward Lake, 5000 feet, July 1900. Iris light hazel.

18. *ACTOPHILUS AFRICANUS*.

Actophilus africanus (Gm.) ; Reichen. Vög. Afrikas, i. p. 276 (1900).

Phyllopezus africanus (Gm.) ; Neum. J. f. O. 1898, p. 275 ; Sharpe, Hand-l. B. i. p. 168 (1899) ; Hartert, App. Afr. Sun, p. 328.

No. 7. ♂ ad. Lake Naivasha, 6300 feet, Oct. 10, 1899.
Iris dark hazel.

19. MICROPARRA CAPENSIS.

Microparra capensis (Smith); Sharpe, Hand-l. B. i. p. 169 (1899); Reichen. Vög. Afrikas, i. p. 270 (1900).

No. 247. ♀ ad. Lake Saka, near Fort Portal, 5000 feet, June 26, 1900. Iris light hazel.

20. GLAREOLA PRATINCOLA.

Glareola pratincola (Linn.); Neum. J. f. O. 1898, p. 258; Sharpe, Hand-l. i. p. 170 (1899); Hartert, Nov. Zool. vii. p. 27.

Glareola fusca (Linn.); Reichen. Vög. Afrikas, i. p. 144 (1900).

No. 248. ♀ ad.; Nos. 249, 250, 251. ♂ ad. Lake Kikurango, 3200 feet, July 1900. Iris light hazel.

21. GALACTOCHRYSEA EMINI.

Galactochrysea emini (Shelley); Sharpe, Hand-l. B. i. p. 171 (1899).

Glareola emini, Reichen. Vög. Afrikas, i. p. 147 (1900).

No. 68. ♀ ad. N'tebi, April 2, 1900. Iris light hazel.

22. ŒDICNEMUS VERMICULATUS.

Œdicnemus vermiculatus Cab.; Neum. J. f. O. 1898, p. 264; Sharpe, Hand-l. B. i. p. 172 (1899); Reichen. Vög. Afrikas, i. p. 200 (1900); Hartert, Nov. Zool. vii. p. 27.

No. 49. ♂ ad. N'tebi, March 25, 1900. Iris pale yellow.

Nos. 107, 108. Nestlings. N'tebi, 3800 feet, April 22, 1900. Iris grey.

23. LISSOTIS MELANOGASTER.

Lissotis melanogaster (Rüpp.); Neum. J. f. O. 1898, p. 269; Sharpe, Hand-l. B. i. p. 175 (1899).

Otis melanogaster Reichen. Vög. Afrikas, i. p. 256 (1900); Hartert, App. Afr. Sun, p. 327; id. Nov. Zool. vii. p. 27.

Nos. 22, 23. ♀ ♂ ad. Ravine, 7600 feet, Nov. 3, 1899. Iris pale yellow.

24. IBIS ÆTHIOPICA.

Ibis æthiopica (Lath.); Neum. J. f. O. 1898, p. 277; Sharpe, Hand-l. B. i. p. 184 (1899); Hartert, App. Afr. Sun, p. 328; Reichen. Vög. Afrikas, i. p. 321 (1901).

a. Imm. Ugowe Bay, Victoria Nyanza.

25. CICONIA CICONIA.

Ciconia ciconia (Linn.); Sharpe, Hand-l. B. i. p. 190 (1899); Reichen. Vög. Afrikas, i. p. 345 (1901).

a. Ad. [Victoria Nyanza.]

26. ANASTOMUS LAMELLIGERUS.

Anastomus lamelligerus Temm.; Neum. J. f. O. 1898, p. 278; Sharpe, Hand-l. B. i. p. 191 (1899); Reichen. Vög. Afrikas, i. p. 335 (1901).

a. Ad. Ugowe Bay, Victoria Nyanza.

Nos. 75, 76. ♂ ad. N'tebi, April 2, 1900. Iris dark hazel.

27. BALÆNICEPS REX.

Balæniceps rex Gould; Sharpe, Hand-l. B. i. p. 193 (1889); Reichen. Vög. Afrikas, i. p. 357 (1901).

No. 88. ♀ ad. N'tebi, 3800 feet, April 19, 1900. Iris Naples yellow.

No. 400. ♂ ad. Victoria Nyanza, Nov. 25, 1900.

28. ARDEA GOLIATH.

Ardea goliath Cretzschm.; Sharpe, Hand-l. B. i. p. 194 (1899); Reichen. Vög. Afrikas, i. p. 376 (1901).

Megerodius goliath Neum. J. f. O. 1898, p. 286.

No. 90. ♂ ad. N'tebi, 3800 feet, April 1, 1900. Iris bright yellow.

29. PYRRHERODIAS PURPUREA.

Pyrrherodias purpurea (Linn.); Sharpe, Hand-l. B. i. p. 193 (1899).

Ardea purpurea Neum. J. f. O. 1898, p. 285; Reichen. Vög. Afrikas, i. p. 377 (1901).

Phoyx purpurea Hartert, Nov. Zool. vii. p. 29.

Nos. 85, 86. ♂ ♀ ad. Port Alice, April 2, 1900. Iris yellow.

30. MESOPHOYX BRACHYRHYNCHA.

Mesophoyx brachyrhyncha (Brehm); Sharpe, Hand-l. B. i. p. 195 (1899).

Herodias brachyrhyncha Reichen. Vög. Afrikas, i. p. 389 (1901).

Herodias intermedia Neum. J. f. O. 1898, p. 286.

No. 2. ♂ ad. Lake Naivasha, 6300 feet, Oct. 10. Iris pale yellow.

31. GARZETTA GARZETTA.

Garzetta garzetta (Linn.); Sharpe, Hand-l. B. i. p. 197 (1899).

Herodias garzetta Reichen. Vög. Afrikas, i. p. 387 (1901).

No. 81. ♂ ad. hiem. N'tebi, April 2, 1900. Iris yellow.

32. BUTORIDES ATRICAPILLUS.

Butorides atricapilla (Afzel.); Sharpe, Hand-l. B. i. p. 199 (1899).

Butorides atricapillus Neum. J. f. O. 1898, p. 284; Reichen. Vög. Afrikas, i. p. 370 (1901).

No. 81. ♂ ad. N'tebi, April 2, 1900. Iris yellow.

33. ERYTHROCNUM RUFIVENTRIS.

Erythrocnus rufiventris (Sundev.); Sharpe, Hand-l. B. i. p. 201 (1899); Reichen. Vög. Afrikas, i. p. 370 (1901).

No. 102. ♂ ad. N'tebi, 3800 feet, April 21, 1900. Feet pale orange-chrome; iris pale yellow.

34. BUBULCUS LUCIDUS.

Bubulcus lucidus (Rafin.); Sharpe, Hand-l. B. i. p. 202 (1899).

Bubulcus ibis (Linn.); Neum. J. f. O. 1898, p. 285; Hartert, App. Afr. Sun, p. 328; id. Nov. Zool. vii. p. 29; Reichen. Vög. Afrikas, i. p. 381 (1901).

No. 72. ♂ ad. N'tebi, April 2, 1900. Iris yellow.

No. 104. ♀ ad. N'tebi, 3800 feet, April 21, 1900. Iris pale yellow.

35. SARCIDIORNIS MELANONOTA.

Sarcidiornis melanonota (Penn.); Neum. J. f. O. 1898, p. 256; Sharpe, Hand-l. B. i. p. 208.

Sarkidiornis melanonotus Reichen. Vög. Afrikas, i. p. 129 (1900).

No. 631. ♀ ad. Uvuma Island, Victoria Nyanza, Jan. 1901.

36. *NETTOPUS AURITUS.*

Nettopus auritus (Bodd.); Sharpe, Hand-l. B. i. p. 209 (1899); Reichen. Vög. Afrikas, i. p. 127 (1900); Neum. J. f. O. 1898, p. 256; Hartert, Nov. Zool. vii. p. 26.

No. 82. ♀ ad.; No. 83. ♂ juv.; No. 84. ♂ ad. N'tebi, April 2, 1900. Bill orange; iris dark hazel.

37. *DENDROCYCNA VIDUATA.*

Dendrocygna viduata (Linn.); Neum. J. f. O. 1898, p. 256; Sharpe, Hand-l. B. i. p. 214 (1899); Reichen. Vög. Afrikas, i. p. 124 (1900).

No. 93. ♂ ad. N'tebi, 3800 feet, April 19, 1900. Iris pale yellow.

38. *DENDROCYCNA FULVA.*

Dendrocygna fulva (Gm.); Sharpe, Hand-l. B. i. p. 214 (1899); Reichen. Vög. Afrikas, i. p. 126 (1900).

No. 90. ♀ ad. N'tebi, 3800 feet, April 19, 1900. Iris pale yellow.

39. *ANAS UNULATA.*

Anas undulata Dubois; Sharpe, Hand-l. B. i. p. 216 (1899); Reichen. Vög. Afrikas, i. p. 113 (1900).

Nos. 62, 63. ♂ ♀ ad. N'tebi, March 30, 1900. Iris dark hazel.

No. 74. ♀ ad. N'tebi, April 2, 1900. Iris dark hazel.

40. *NETTIUM PUNCTATUM.*

Nettium punctatum (Burch.); Neum. J. f. O. 1898, p. 255; Sharpe, Hand-l. B. i. p. 219 (1899); Hartert, App. Afr. Sun, p. 326.

Anas punctata Reichen. Vög. Afrikas, i. p. 120 (1900).

Nos. 70, 71. ♂ ♀ ad. N'tebi, April 2, 1900. Iris light hazel.

41. PÆCILONETTA ERYTHORHYNCHA.

Pæcilonetta erythrorhyncha (Gm.) ; Neum. J. f. O. 1898, p. 255 ; Sharpe, Hand-l. B. i. p. 220 (1899).

Anas erythrorhyncha Reichen. Vög. Afrikas, i. p. 118 (1900).

No. 5. ♂ ad. Lake Naivasha, 6500 feet, Oct. 11, 1900. Iris Naples yellow.

42. THALASSORNIS LEUCONOTA.

Thalassornis leuconotus (Smith) ; Sharpe, Hand-l. B. i. p. 226 (1899) ; Reichen. Vög. Afrikas, i. p. 106 (1900).

Nos. 259, 260. ♂ ad. Lake Saka, 5000 feet, June 27, 28, 1901. Iris light hazel.

43. PHALACROCORAX LUGUBRIS.

Phalacrocorax gutturalis Reichen. J. f. O. 1892, p. 133 (Bukoba) ; Neum. J. f. O. 1898, p. 249.

Phalacrocorax lucidus lugubris Reichen. Vög. Afrikas, i. p. 90 (1900).

Phalacrocorax lucidus (part.) Sharpe, Hand-l. B. i. p. 232. Nos. 79, 80. ♀. N'tebi, April 2, 1900. Iris green.

44. PHALACROCORAX AFRICANUS.

Phalacrocorax africanus (Gm.) ; Neum. J. f. O. 1898, p. 251 ; Sharpe, Hand-l. B. i. p. 234 (1899) ; Reichen. Vög. Afrikas, i. p. 93 (1900) ; Hartert, Nov. Zool. vii. p. 26.

Nos. 55, 56. ♂ imm. N'tebi, March 30, 1900.

Nos. 73, 75. ♂ ♀ imm. N'tebi, April 2, 1900.

45. PLOTUS RUFUS.

Plotus rufus Daud. ; Sharpe, Hand-l. B. i. p. 236 (1899).

Plotus levaillanti Neum. J. f. O. 1898, p. 252.

Anhinga rufa Reichen. Vög. Afrikas, i. p. 95 (1900).

Nos. 59, 61. Ad. N'tebi, March 30, 1900. Iris red.

No. 78. Ad. N'tebi, April 2, 1900.

46. PELECANUS RUFESCENS.

Pelecanus rufescens Gm. ; Neum. J. f. O. 1898, p. 263 ; Sharpe, Hand-l. B. i. p. 239 (1899) ; Reichen. Vög. Afrikas, i. p. 182 (1900).

No. 256. ♀ ad. Lake Albert Edward, July 1900. Iris light hazel.

47. PSEUDOGYPS AFRICANUS.

Pseudogyps africanus (Salvad.); Neum. J. f. O. 1899, p. 35; Sharpe, Hand-l. B. i. p. 242 (1899); Reichen. Vög. Afrikas, i. p. 519 (1901).

No. 257. ♂ ad. Ruachara River, near R. Semliki, Busongora, 3100 feet, July 1900. Iris light hazel.

a. ♂ ad. Guas 'Ngishu Plateau, May 1901.

48. LOPHOGYPS OCCIPITALIS.

Lophogyps occipitalis (Burch.); Neum. J. f. O. 1899, p. 35; Sharpe, Hand-l. B. i. p. 242 (1899); Reichen. Vög. Afrikas, i. p. 514 (1901).

No. 258. ♂ ad. Semliki Valley, July 1900. Iris light hazel.

49. CIRCUS ÆRUGINOSUS.

Circus æruginosus (Linn.); Sharpe, Hand-l. B. i. p. 246 (1899); Reichen. Vög. Afrikas, i. p. 539 (1901).

No. 65. ♀ ad. N'tebi, March 30, 1900. Iris light hazel.

50. ASTUR SPARSIMFASCIATUS.

Astur sparsimfasciatus Reichen. Orn. MB. 1895, p. 97; Neum. J. f. O. 1899, p. 40; Sharpe, Hand-l. B. i. p. 248 (1899).

No. 240. ♂ ad. Fort Portal, 4700 feet, June 26, 1900. Iris yellow.

Compared with true *A. tachiro* this species is very much lighter underneath; it has the dark cross-bands much more distinct, and not so broad as in the South-African species; it has also pure white under tail-coverts without any dusky cross-bars. The under wing-coverts are, moreover, pure vinous without dusky cross-bars, and the tint of the rufous colour on the sides of the body and the thighs is very light vinous, not inclining to chestnut as in *A. unduliventer*.

51. BUTEO AUGUR.

Buteo augur Rüpp.; Neum. J. f. O. 1899, p. 50; Sharpe,

Hand-l. B. i. p. 255 (1899) ; Hartert, Nov. Zool. vii. p. 31 ; Reichen. Vög. Afrikas, i. p. 592 (1901).

No. 17. ♀ ad. Ravine, 7600 feet, Nov. 10, 1899. Iris light hazel.

No. 42. ♂ ad. Ravine, 7600 feet, Jan. 25, 1900.

52. *EUTOLMAËTUS SPILOGASTER.*

Eutolmaëtus spilogaster (Bp.) ; Sharpe, Hand-l. B. i. p. 262 (1899).

Hieraëtus spilogaster Reichen. Vög. Afrikas, i. p. 579 (1901).

Nisaëtus spilogaster Neum. J. f. O. 1899, p. 44.

No. 3. ♀ ad. Lake Naivasha, 6300 feet, Oct. 15, 1899

53. *SPIZAËTUS CORONATUS.*

Spizaëtus coronatus (Daud.) ; Sharpe, Hand-l. B. i. p. 263 (1899) ; Reichen. Vög. Afrikas, i. p. 576 (1901).

a. ♀ ad. N'tebi, April 1901.

54. *LOPHOAËTUS OCCIPITALIS.*

Lophoaëtus occipitalis (Daud.) ; Sharpe, Hand-l. B. i. p. 264 (1899) ; Neum. J. f. O. 1899, p. 43 ; Hartert, App. Afr. Sun, p. 332 ; Reichen. Vög. Afrikas, i. p. 582 (1901).

a. Ad. Ugowe Bay, Victoria Nyanza.

55. *HALIAËTUS VOCIFER.*

Haliaëtus vocifer (Daud.) ; Sharpe, Hand-l. B. i. p. 267 (1899) ; Neum. J. f. O. 1899, p. 46 ; Reichen. Vög. Afrikas, i. p. 605 (1901).

a, b. ♂ imm. N'tebi, 3800 feet, April 19, 1900. Iris light hazel.

56. *MACHÆRHAMPHUS ANDERSSONI.*

Machæramphus anderssoni (Gurney) ; Sharpe, Hand-l. B. i. p. 270 (1899) ; Reichen. Vög. Afrikas, i. p. 596 (1901).

a. ♂ ad. Kampala, Oct. 1900.

This bird was kept in confinement for some time by Mr. Alexander White. The species is new to the fauna of Uganda.

57. *BUBO LACTEUS*.

Bubo lacteus (Temm.); Sharpe, Hand-l. B. i. p. 283 (1899); Neum. J. f. O. 1899, p. 54; Reichen. Vög. Afrikas, i. p. 650 (1901).

No. 298. ♂ ad. N'tebi, July 1900.

58. *GLAUCIDIUM PERLATUM*.

Glaucidium perlatum (Vieill.); Sharpe, Hand-l. B. i. p. 298 (1899); Neum. J. f. O. 1899, p. 57; Reichen. Vög. Afrikas, i. p. 674 (1901).

a. Ad. Lake Baringo, 4000 feet, Dec. 23, 1899.

59. *PŒOCEPHALUS SATURATUS*.

Pœocephalus saturatus Sharpe, Bull. Brit. Orn. Club, xi. p. 67 (1901).

a, b. ♂ ♀ ad. North Ankole, 3500 feet, Aug. 1900. Iris light hazel.

During a recent visit of Mr. Oscar Neumann to England, I went over with him the series of *Pœocephalus meyeri* and its allies in the Museum collection. He agreed with me that *P. saturatus* is distinct from the ordinary forms. It is very dark brown above, indeed almost blackish with a faint shade of olive-green; the lower back and rump inclining to cobalt-blue; the upper tail-coverts being rather yellowish green; the breast and abdomen emerald-green.

60. *AGAPORNIS PULLARIA*.

Agapornis pullaria (Linn.); Neum. J. f. O. 1899, p. 63; Sharpe, Hand-l. B. ii. p. 35 (1900).

No. 467. ♂ ad. N'tebi, 3900 feet, Dec. 1900.

61. *EURYSTOMUS AFER*.

Eurystomus afer (Lath.); Sharpe, Hand-l. B. ii. p. 47 (1900); Neum. J. f. O. 1900, p. 209; Hartert, Nov. Zool. vii. p. 33.

No. 50. ♂ ad. N'tebi, March 26, 1900. Iris red.

62. *ISPIDINA PICTA*.

Ispidina picta (Bodd.); Neum. J. f. O. 1900, p. 215; Sharpe, Hand-l. B. ii. p. 54 (1900).

Nos. 653, 654. ♂ ♀ ad. Lake Baringo, March 1901.

63. BUCORAX CAFFER.

Bucorax caffer Bocage; Sharpe, Hand-l. B. ii. p. 63 (1900); Neum. J. f. O. 1900, p. 210.

No. 22. ♀ ad. Ten miles from Ravine, 7600 feet, Oct. 28, 1899. Iris pale yellow; naked parts of head scarlet.

64. LOPHOCEROS MELANOLEUCUS.

Lophoceros melanoleucus (Licht.); Hartert, App. Afr. Sun, p. 334; Sharpe, Hand-l. B. ii. p. 67 (1900); Neum. J. f. O. 1900, p. 213; Hartert, Nov. Zool. vii. p. 33.

No. 18. ♂ ad. Ravine, 7600 feet, Nov. 6, 1899.

65. LOPHOCEROS NASUTUS.

Lophoceros nasutus (Linn.); Sharpe, Hand-l. B. ii. p. 68 (1900); Neum. J. f. O. 1900, p. 212.

a. ♀ ad. Lake Baringo, 4000 feet, Dec. 10, 1899. Iris pale yellow.

66. IRRISOR VIRIDIS.

Irrisor viridis Licht.; Neum. J. f. O. 1899, p. 220; Hartert, App. Afr. Sun, p. 336; Sharpe, Hand-l. B. ii. p. 70 (1900).

a. ♀ ad. Lake Baringo, 4000 feet, Dec. 8, 1899.

67. RHINOPOMASTUS SCHALOWI.

Rhinopomastus schalowi Neum. J. f. O. 1899, p. 221; Sharpe, Hand-l. B. ii. p. 71 (1900).

Rhinopomastus cyanomelas (Vieill.); Hartert, App. Afr. Sun, p. 337.

No. 21. ♀ ad. Ravine, 7600 feet, Nov. 4, 1899.

68. MELITTOPHAGUS CYANOSTICTUS.

Melittophagus cyanostictus Cab.; Sharpe, Hand-l. B. ii. p. 72 (1900).

Melittophagus pusillus cyanostictus Neum. J. f. O. 1900, p. 219.

Melittophagus sharpei Hartert, Nov. Zool. vii. p. 35.

No. 659. ♂ ad. Lake Baringo, March 1901.

69. CAPRIMULGUS DONALDSONI.

Caprimulgus donaldsoni Sharpe, Bull. Brit. Orn. Club, iv.

p. xxix (1895) ; id. P. Z. S. 1895, p. 503 ; id. Hand-l. B. ii. p. 88 (1900).

a. ♂ ad. Lake Baringo, 4000 feet, Dec. 23, 1899.

The specimen agrees with the type of this pretty Goatsucker, which was discovered by Dr. Donaldson Smith at Hargeisa in Somali-land.

70. *COSMETORNIS VEXILLARIUS.*

Cosmetornis vexillarius (Gould) ; Sharpe, Hand-l. B. ii. p. 82 (1900) ; Neum. J. f. O. 1900, p. 223.

No. 272. ♂ ad. North Ankole, July 1900. Iris light hazel.

71. *COLIUS BERLEPSCHI.*

Colius leucotis berlepschi Hartert, App. Afr. Sun, p. 333 (1899) ; id. Nov. Zool. vii. p. 31 ; Neum. J. f. O. 1900, p. 188.

Colius berlepschi Hartert ; Sharpe, Hand-l. B. ii. p. 145 (1900).

No. 9. ♂ ad. Ravine, 7600 feet, Nov. 2, 1899.

The dark race with the uniform brown back, black throat, and silvery-grey ear-coverts which Mr. Hartert has separated as *C. leucotis berlepschi*, seems to me to be a fairly well-marked species. We have specimens in the Museum from Machako's (*Dr. Hinde*), Nairobi (*Mackinder Collection*), and I am inclined to add an example from Wadelai, although this is slightly paler brown and has faint indications of bars on the hind-neck. I think that the brown plumage of these Colies bleaches quickly, and that a slight barring on the hind-neck becomes visible in the faded livery.

C. affinis, which is never quite without bars, varies a good deal as regards their distinctness, and also as regards the black on the throat, which appears to me to become more distinct as the light edges of the feathers get gradually worn off.

72. *TURACUS HARTLAUBI.*

Turacus hartlaubi (Fischer & Reichenow) ; Neum. J. f. O. 1899, p. 72 ; Sharpe, Hand-l. B. ii. p. 153 (1900) ; Hartert, Nov. Zool. vii. p. 31.

No. 637. ♂ ad. Nandi, March 1901.

73. *GALLIREX JOHNSTONI*. (Plate V.)

Gallirex johnstoni Sharpe, Bull. Brit. Orn. Club, xi. p. 57 (1901).

No. 285. ♀ ad. Mt. Ruwenzori, 7000 feet, Sept. 1900. Iris light hazel.

This is a beautiful species, easily distinguished from the two previously known, *G. porphyreolophus* and *G. chlorochlamys*, by its metallic-green crown and the crimson patch on the back of the neck, as well as by the steel-blue chin and upper throat. It has a ruddy stain on the fore-neck and chest, as in *G. porphyreolophus*, but differs from both the allied species in the deep violet-blue of the wings and back, the lower back and rump being black.

74. *MUSOPHAGA ROSSÆ*.

Musophaga rossæ Gould; Neum. J. f. O. 1899, p. 68; Sharpe, Hand-l. B. ii. p. 154 (1900).

No. 52. ♂ ad. N'tebi, March 27, 1900. Iris dark hazel.

75. *CORYTHÆOLA CRISTATA*.

Corythæola cristata (Vieill.); Neum. J. f. O. 1899, p. 67; Sharpe, Hand-l. B. ii. p. 154 (1900); Hartert, Nov. Zool. vii. p. 31.

No. 48. ♂ ad. N'tebi, March 22, 1900. Iris pale yellow.

Nos. 418, 419. ♂ ad. N'tebi, Dec. 8, 1900. Iris hazel.

76. *SCHIZORHIS ZONURA*.

Schizorhis zonura Rüpp.; Sharpe, Hand-l. B. ii. p. 154 (1900).

Chizaerhis zonura Neum. J. f. O. 1899, p. 68.

No. 468. Ad. East of Victoria Nyanza, Nov. 1900.

Nos. 632, 634. ♂ ad. Uvuma Island, Victoria Nyanza, Jan. 11, 1901.

77. *GYMNOSCHIZORHIS LEOPOLDI*.

Gymnoschizorhis leopoldi (Shelley); Sharpe, Hand-l. B. ii. p. 154 (1900); Neum. J. f. O. 1899, p. 71.

Nos. 270, 271. ♂ ♀ ad. North Ankole, 3500 feet, Aug. 1900. Iris black.

a. Ad. Ugowe Bay, Victoria Nyanza.



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J.G. Keulemans del. et lith.

Mintern Bros. imp.

GALLIREX JOHNSTONI.

Keulemans

78. *COCCYSTES CAFER*.

Coccystes cafer (Licht.); Sharpe, Hand-l. B. ii. p. 156 (1900).

Coccystes afer (Leach); Hartert, Nov. Zool. vii. p. 31. No. 643. ♂ ad. Lake Baringo, March 1901.

79. *CENTROPUS SUPERCILIOSUS*.

Centropus superciliosus Hempr. & Ehr.; Hartert, App. Afr. Sun, p. 334; Sharpe, Hand-l. B. ii. p. 168 (1900); Neum. J. f. O. 1900, p. 191; Hartert, Nov. Zool. vii. p. 32.

No. 1. ♀ ad. Lake Naivasha, 6300 feet, Oct. 10. Iris carmine.

80. *LYBIUS ÆQUATORIALIS*.

Lybius æquatorialis (Shelley); Sharpe, Hand-l. B. ii. p. 178 (1900).

Melanobucco æquatorialis Neum. J. f. O. 1900, p. 196.

Melanobucco bidentatus æquatorialis Hartert, Nov. Zool. vii. p. 32.

No. 284. ♀ ad. Mt. Ruwenzori, 5600 feet, Sept. 1900. Iris light hazel.

81. *TRICHOLÆMA DIADEMATUM*.

Tricholæma diadematum (Heugl.); Sharpe, Hand-l. B. ii. p. 180 (1900).

No. 27. ♂ ad. Ravine, 7600 feet, Nov. 6, 1899.

82. *TRACHYPHONUS BOEHMI*.

Trachyphonus böhmi Fischer & Reichenow; Hartert, App. Afr. Sun, p. 335; Sharpe, Hand-l. B. ii. p. 186 (1900); Neum. J. f. O. 1900, p. 199.

Nos. 649, 650. ♂ ♀ ad. Lake Baringo, March 1901.

83. *MESOPICUS SPODOCEPHALUS*.

Mesopicus spodocephalus (Bp.); Sharpe, Hand-l. B. ii. p. 223 (1900).

No. 655. Imm. Lake Baringo, March 1901.

84. *DENDROPICUS HEMPRICHI*.

Dendropicus hemprichi (Hempr. & Ehr.); Sharpe, Hand-l. B. ii. p. 218 (1900).

a. ♀ ad. Lake Baringo, 4000 feet, Dec. 21, 1899.

85. TERPSIPHONE CRISTATA.

Terpsiphone cristata (Gm.); Neum. J. f. O. 1900, p. 227; Sharpe, Hand-l. B. iii. p. 264 (1901).

No. 26. ♂ imm. Ravine, 7600 feet, Nov. 4, 1899. Iris pale yellow.

86. EURILLAS EUGENIUS.

Eurillas eugenius (Reichenow); Sharpe, Hand-l. B. iii. p. 325 (1901).

Andropadus eugenius Hartert, App. Afr. Sun, p. 349; id. Nov. Zool. vii. p. 47.

Andropadus latirostris eugenius, Neum. J. f. O. 1900, p. 292.

No. 287. ♂ ad. Mpanga Forest, Sept. 22, 1900. Iris hazel.

87. CRATEROPUS SHARPII.

Crateropus sharpei Reichen.; Neum. J. f. O. 1900, p. 302; Jackson, Ibis, 1901, p. 79.

No. 261. ♂ ad. West Ankole, July 1900.

88. TURDUS BOCAGEI.

Turdus bocagei (Cab.); Sharpe, in Seebohm's Monogr. Turdidæ, i. p. 331 (1899); Hartert, App. Afr. Sun, p. 354; Neum. J. f. O. 1900, p. 311.

No. 277. Ad. North Ankole, 3500 feet, Aug. 1900.

89. TURDUS ELGONENSIS. = *Mer. johnstoni* Sharpe. (Ibis, 1906, 543.)

Merula elgonensis Sharpe, Ibis, 1891, p. 445, 1892, p. 160.

Turdus elgonensis Sharpe, in Seebohm's Monogr. Turdidæ, i. p. 311, pl. lxxii. (1899); Neum. J. f. O. 1900, p. 311; Jackson, Ibis, 1901, p. 74.

Nos. 105, 106. ♂ ♀. N'tebi, 3800 feet, April 22, 1900. Iris hazel.

90. COSSYPHA HEUGLINI.

Cossypha heuglini Hartl.; Hartert, Nov. Zool. vii. p. 52; Jackson, Ibis, 1901, p. 72.

No. 289. ♂ ad. Western Uganda, Sept. 1900.

No. 645. ♂ ad. Lake Baringo, March 1901.

91. *POGONOCICHLA INTENSA*.

Pogonocichla intensa Sharpe, Bull. Brit. Orn. Club, xi. p. 67 (1901).

No. 100. ♂ ad. N'tebi, 3800 feet, April 22, 1900.

The bird from N'tebi differs conspicuously from the other species of *Pogonocichla* in being deep orange-yellow on the rump, tail-feathers, and under surface of the body. The head and throat are of a darker slaty blue than in *P. orientalis*, its nearest ally, and the back is a dark olive-brown, instead of being yellowish green.

92. *LANIUS EXCUBITORIUS*.

Lanius excubitorius (Prév. et Des Murs); Sharpe, Ibis, 1892, p. 597; Hartert, App. Afr. Sun, p. 340; Neum. J. f. O. 1900, p. 263; Hartert, Nov. Zool. vii. p. 38; Jackson, Ibis, 1901, p. 33.

Nos. 268, 279. ♂ ♀ ad. North Ankole, 3500 feet, Aug. 1900.

93. *LANIUS HUMERALIS*.

Lanius humeralis Stanl.; Sharpe, Ibis, 1892, p. 597; Jackson, Ibis, 1901, p. 34.

Lanius collaris humeralis Hartert, App. Afr. Sun, p. 340; Neum. J. f. O. 1900, p. 264; Hartert, Nov. Zool. vii. p. 138.

No. 24. ♀ ad. Ravine, 7600 feet, Oct. 28, 1899.

94. *CINNYRIS CYANESCENS*.

Cinnyris cyanescens Reichen. Orn. MB. vii. p. 171 (1899); Sharpe, Ibis, 1900, p. 496.

No. 12. ♂ ad. Ravine, 7600 feet, Nov. 2, 1899. Iris black.

This specimen seems to be of the same race as one from Ukambani in Mr. Jackson's collection, which I determined as *C. cyanescens* (Ibis, 1900, p. 496). I must again say that I think it will be difficult to distinguish this species from *C. niassæ*.

95. *CINNYRIS FALKENSTEINI*.

Cinnyris falkensteini Fischer & Reichen.; Sharpe, Ibis, 1900, p. 496; Jackson, Ibis, 1899, p. 634; Hartert, App. Afr.

Sun, p. 350; Shelley, B. Africa, ii. pt. 1, p. 66, pl. iii. fig. 1 (1900); Neum. J. f. O. 1900, p. 299; Sharpe, Ibis, 1900, p. 496.

No. 264. ♂ ad. Western Ankole, July 1900.

96. *DREPANORHYNCHUS REICHENOWI*.

Drepanorhynchus reichenowi Fischer; Sharpe, Ibis, 1891, p. 590; Jackson, Ibis, 1899, p. 630; Neum. J. f. O. 1900, p. 301.

Nectarinia reichenowi Shelley, B. Africa, ii. pt. 1, p. 29 (1900).

No. 109. ♂ ad. N'tebi, 3800 feet, April 1, 1900. Iris black.

97. *NECTARINIA KILIMENSIS*.

Nectarinia kilimensis Shelley; Sharpe, Ibis, 1891, p. 591; Jackson, Ibis, 1899, p. 631; Hartert, App. Afr. Sun, p. 351; Shelley, B. Africa, ii. pt. 1, p. 28, pl. i. fig. 1 (1900); Hartert, Nov. Zool. vii. p. 49; Neum. J. f. O. 1900, p. 300.

Nos. 10, 24. ♂ ad. Ravine, 7600 feet, Nov. 2, 3, 1899.

98. *CINNYRIS KIRKI*.

Cinnyris kirki Shelley; Sharpe, Ibis, 1891, p. 592; Jackson, Ibis, 1899, p. 632.

Chalcomitra kirki Shelley, B. Africa, ii. pt. 1, p. 107 (1900).

Chalcomitra kirki kalckreuthi Neum. J. f. O. 1900, p. 296.

No. 14. ♂ juv. Ravine, 7600 feet, Nov. 2, 1899.

No. 25. ♂ ad. Ravine, 7600 feet, Nov. 3, 1899.

99. *CINNYRIS DOGGETTI*, sp. n.

Similis *C. kirki*, sed plaga metallica frontali aureo-viridi et gutture diverse colorato, chalybeo nec purpurascenticupreo distinguenda. Long. tot. 5·3 poll., culm. 1·0, alæ 2·7, caudæ 1·95, tarsi 0·65.

Nos. 19, 20. ♂ ad. Ravine, 7600, Nov. 2, 1899. Iris black.

It will be noticed that these two specimens were procured at the Ravine at the same height (7600 feet) on the 2nd of November, the day before an example of the true *C. kirki* was obtained. There is nothing about the plumage of these

specimens, which are in excellent feather, to suggest that the differences in the metallic colour of the forehead and throat have been produced by damp or by any artificial means, and consequently I am constrained to consider them distinct, strange though the circumstances of their capture may be.

I have named the species after Mr. W. G. Doggett, who acted as Sir Harry Johnston's taxidermist, and is now the Naturalist to the Government of the Uganda Protectorate.

100. *CINNYRIS GUTTURALIS*.

Cinnyris gutturalis inæstimata Hartert, App. Afr. Sun, p. 351 (1899); id. Nov. Zool. vii. p. 51.

Chalcomitra gutturalis Shelley, B. Africa, ii. pt. 1, p. 93 (1900).

Chalcomitra gutturalis inæstimata Neum. J. f. O. 1900, p. 296.

No. 11. ♂ ad. Ravine, 7600 feet, Nov. 2, 1899.

This specimen belongs to the northern form which Mr. Hartert has called *C. inæstimata*, but which Captain Shelley does not consider worthy of separation from *C. gutturalis*.

101. *CINNYRIS CUPREA*.

Cinnyris cuprea (Shaw); Sharpe, Ibis, 1891, p. 593; Hartert, App. Afr. Sun, p. 350; Jackson, Ibis, 1899, p. 633; Neum. J. f. O. 1900, p. 299; Hartert, Nov. Zool. vii. p. 50; Shelley, B. Africa, ii. pt. 1, p. 36 (1900).

No. 265. ♂ ad. Western Ankole, July 1900.

102. *MACRONYX CROCEUS*.

Macronyx croceus (V.); Sharpe, Ibis, 1891, p. 589; Jackson, Ibis, 1899, p. 629; Hartert, App. Afr. Sun, p. 348; Neum. J. f. O. 1900, p. 290.

No. 15. ♂ ad. Ravine, 7600 feet, Nov. 4, 1899.

103. *SERINUS ALBIFRONS*.

Serinus albifrons (Sharpe); Jackson, Ibis, 1899, p. 621; Neum. J. f. O. 1900, p. 289; Hartert, Nov. Zool. vii. p. 43.

Crithagra kilimensis Richmond, Auk, xiv. p. 155 (1897).

No. 23. ♀ ad. Ravine, 7600 feet, Nov. 6, 1899. Iris light hazel.

Mr. Richmond has kindly sent to me for examination his type of *S. kilimensis*, which turns out to be the same as my *S. albifrons*, as already suggested (*Ibis*, 1899, p. 622).

104. PENTHETRIA LATICAUDA.

Penthetria laticauda (Licht.); Sharpe, *Ibis*, 1891, p. 245; Jackson, *Ibis*, 1899, p. 598.

Coliuspasser laticauda Neum. J. f. O. 1900, p. 286.

a. Ad. Nandi, 5000 feet, April 1901.

105. DREPANOPECTES JACKSONI.

Drepanoplectes jacksoni Sharpe, *Ibis*, 1891, p. 247, pl. v.; Jackson, *Ibis*, 1899, p. 599; Hartert, *Nov. Zool.* vii. p. 41.

No. 641. ♂ ad. Lake Baringo, March 1901.

106. UROBRACHYA MEDIA, sp. n.

Similis *U. traversi* et plaga humerali aurantiaca insignis, sed supercilio castaneo et gastræo toto castaneo lavato distinguenda. Long. tot. 6·2 poll., culm. 0·7, alæ 3·3, caudæ 2·2, tarsi 0·95.

Nos. 263, 263. ♂ imm. West Ankole, 3200 feet, July 1900. Iris light hazel.

The two specimens procured by Sir Harry Johnston, although not in full plumage, are very much darker than any examples of *U. phænicea* or *U. traversi* of a similar age in the collections of the British Museum or of Mr. F. J. Jackson. The rufous portion of the wing-coverts is more chestnut than cinnamon, while the eyebrows, sides of face, and neck, as well as the under surface of the body, are also pervaded with chestnut, giving the Ankole birds a much darker appearance.

107. PYROMELANA XANTHOMELANA.

Pyromelana xanthomelana (Rüpp.); Sharpe, *Ibis*, 1891, p. 248; Jackson, *Ibis*, 1899, p. 601.

Orynx xanthomelas Neum. J. f. O. 1900, p. 285.

Nos. 16, 28. ♂ ♀ ad. Ravine, 7600 feet, Nov. 6, 1899. Iris black.

108. PYROMELANA FRANCISCANA.

Pyromelana franciscana (Isert); Sharpe, Ibis, 1892, p. 248; Jackson, Ibis, 1899, p. 601.

Pyromelana franciscana pusilla Hartert, Bull. B. O. C. xi. p. 71.

a. ♂ ad. Ravine, 7600 feet.

I am unable to appreciate the differences in size on which my friend Mr. Hartert proposes to separate a race as *P. f. pusilla*. The specimen in Sir Harry Johnston's collection, as well as those presented by Lord Delamere and Emin Pasha, agree in measurements with others from Nigeria and the Gold Coast, and I am afraid that *Pyromelana pusilla* will not stand, even as a subspecies.

109. PYROMELANA FLAMMICEPS.

Pyromelana flammiceps (Swains.); Sharpe, Ibis, 1891, p. 247; Jackson, Ibis, 1899, p. 601; Hartert, Afr. Sun, p. 344; Neum. J. f. O. 1900, p. 285.

a, b. ♂ ad. Nandi, 5000 feet, April 1901.

110. HETERHYPHANTES REICHENOWI.

Heterhyphantes reichenowi (Fischer); Sharpe, Ibis, 1891, p. 252; Jackson, Ibis, 1899, p. 610.

Otyphantes reichenowi Neum. J. f. O. 1900, p. 282.

No. 13. ♂ ad. Ravine, 7600 feet, Nov. 3, 1899. Iris black.

111. HYPHANTORNIS ABYSSINICUS.

Hyphantornis abyssinicus (Gm.); Sharpe, Ibis, 1891, p. 253; Jackson, Ibis, 1899, p. 616; Hartert, Nov. Zool. vii. p. 40.

No. 29. ♂ imm. Ravine, 7600 feet, Nov. 7, 1899. Iris black.

112. MALIMBUS RUBRICOLLIS.

Malimbus rubricollis (Swains.); Jackson, Ibis, 1899, p. 617. Nos. 465, 466. ♂ ♀ ad. N'tebi, 3700-3800 feet, Dec. 1900. Iris hazel.

113. PLOCEIPASSER MELANORHYNCHUS.

Ploceipasser melanorhynchus Rüpp.; Sharpe, Ibis, 1891,

p. 250 ; Jackson, Ibis, 1899, p. 602 ; Hartert, Nov. Zool. vii. p. 41 ; Neum. J. f. O. 1900, p. 283.

No. 657. ♂ ad. Lake Baringo, March 1901.

114. *ORIOLOUS ROLETI*.

Oriolus larvatus Sharpe (nec Licht.), Ibis, 1891, p. 243.

Oriolus rolleti Salvad ; Jackson, Ibis, 1899, p. 595 ; Hartert, Afr. Sun, p. 341.

No. 291. ♀ ad. North Ankole, August 1900. Iris pale yellow.

a. Ad. Nandi Forests, April 1901. Feet pale blue ; iris hazel.

115. *AMYDRUS WALLERI*.

Amydrus walleri Shelley, Ibis, 1880, p. 335, pl. viii. ; Sharpe, Cat. B. Brit. Mus. xiii. p. 164 (1890) ; Neum. J. f. O. 1900, p. 281.

Amydrus elgonensis Sharpe, Ibis, 1891, p. 242 ; Jackson, Ibis, 1899, p. 591.

Amydrus nyasæ Shelley, Ibis, 1898, pp. 554, 557.

a, b. ♂ ♀ ad. Mount Elgon, 7000 feet. Iris yellow.

The two specimens procured by Sir Harry Johnston are slightly larger than the type of *A. elgonensis*, having their wings 4·9 inches as against 4·65 in the type, which is a female. On re-comparing the whole series of these *Amydri* in the Museum I have come to the conclusion that *A. elgonensis* and *A. nyasæ* must be united under the heading of *A. walleri*. The length of bill, wing, and tail varies considerably, and I believe that not much importance can be attached to these characters.

116. *STILBOPSAR STUHLMANNI*.

Stilbopsar stuhlmanni Reichen. Orn. MB. i. p. 31 (1893) ; Shelley, B. Africa, i. p. 45 (1896).

Pæoptera greyi Jackson, Bull. Brit. Orn. Club, viii. p. 50 (1899) ; id. Ibis, 1899, p. 592.

a. ♀ ad. Mount Elgon, 7000 feet.

During my recent visit to Berlin I examined the type of *Stilbopsar stuhlmanni*, which is certainly the same as *Pæoptera greyi* Jackson and must stand under the former name.

Stilbopsar kenricki still seems to me to be distinct (*cf.* Sharpe, *Ibis*, 1899, p. 593).

117. SPREO SUPERBUS.

Spreo superbus (Rüpp.) ; Sharpe, *Cat. B. Brit. Mus.* xiii. p. 189 (1890) ; Jackson, *Ibis*, 1899, p. 595 ; Hartert, *App. Afr. Sun*, p. 342 ; Neum. *J. f. O.* 1900, p. 280.

Nos. 646, 647 ♂, 648 ♀. Lake Baringo, March 1901.

118. LAMPROTORNIS BREVICAUDA.

Lamprotornis brevicauda Sharpe ; Jackson, *Ibis*, 1899, p. 591 ; Neum. *J. f. O.* 1900, p. 281.

No. 644. ♂. Lake Baringo, March.

119. HETEROCORAX CAPENSIS.

Heterocorax capensis (Licht.) ; Sharpe, *Ibis*, 1891, p. 239 ; Jackson, *Ibis*, 1899, p. 587.

Nos. 635, 636. ♂ ♀ ad. Lake Baringo, March 22, 1901.

VIII.—*On a Collection of Birds from Western Australia.*

By ROBERT HALL.

THE collection which is the subject of these notes was formed by the writer between Albany and the Houtman's Abrolhos between Sept. 23rd and Nov. 8th, 1899. In it the species represented number 69, the specimens 156. They are from three types of country—the heavily timbered south-west corner of the district, the flat region beyond, and the Houtman's Abrolhos. Although I did not travel on the south-east of the Stirling Range, I secured a collection of eggs of the birds resident in those parts which indicate the boundary between the moist mountain-district and the lightly timbered sandy lands to the eastward.

The places of special interest to me were the country between Albany and Denmark, some 40 miles west of the former ; Katanning, 100 miles north of the same ; Geraldton, 300 miles above Perth ; and the Houtman's Abrolhos, some 40 miles off Geraldton. In Denmark I did not meet with sufficient success to compensate me for some three days